

Fig. 1  
(Prior Art)

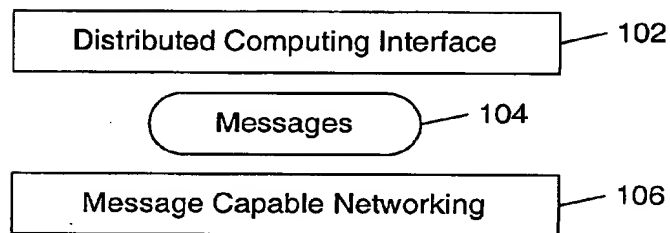


Fig. 2

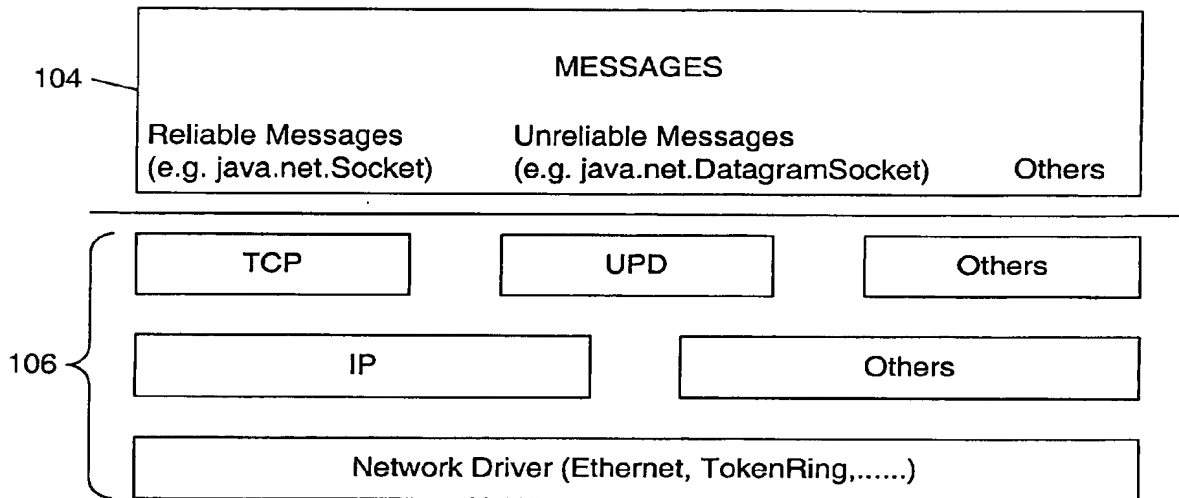


Fig. 3

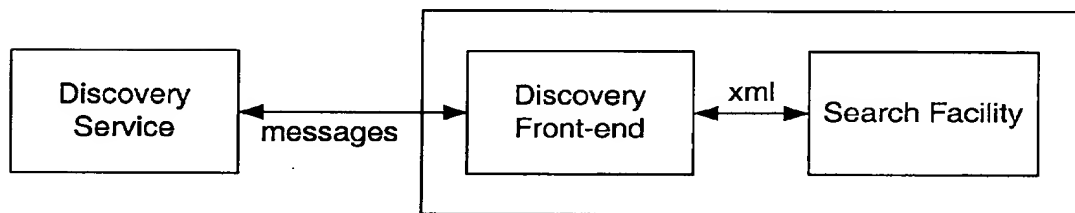


Fig. 4

**Claim and Release (a lease) Find (an object)**

## Write and Take (an object) Notify on Write Public Apis

## Dynamic XML to / from Objects

## Send / Receive Byte Messages

## Connection Transport

## Static

## Client Profile

## Static XML Message Definitions

## Send / Receive Byte Messages

## Connection Transport

**Fig. 5**

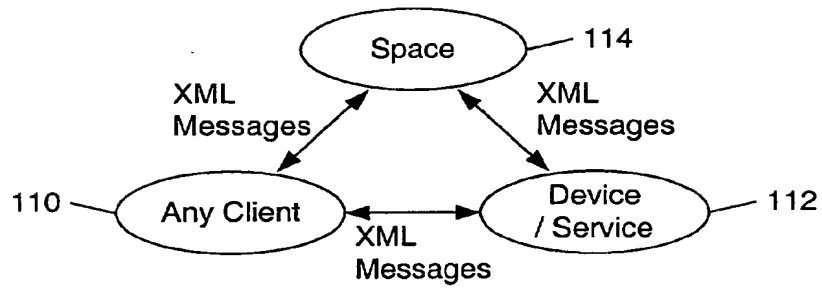


Fig. 6

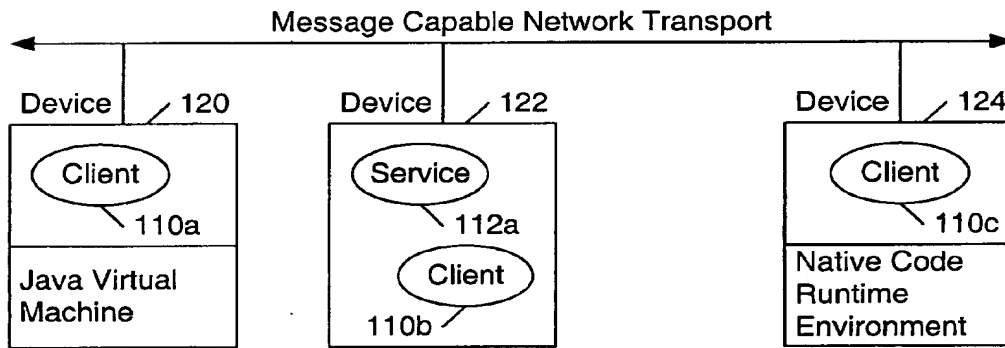


Fig. 7



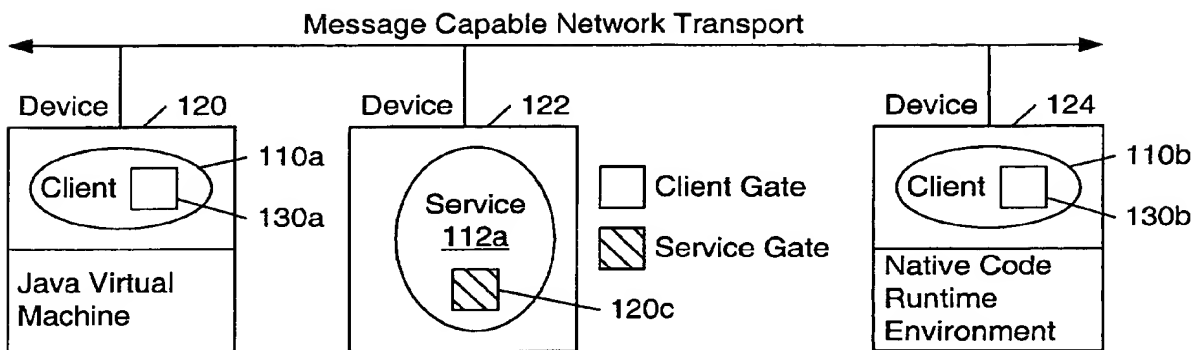


Fig. 10a

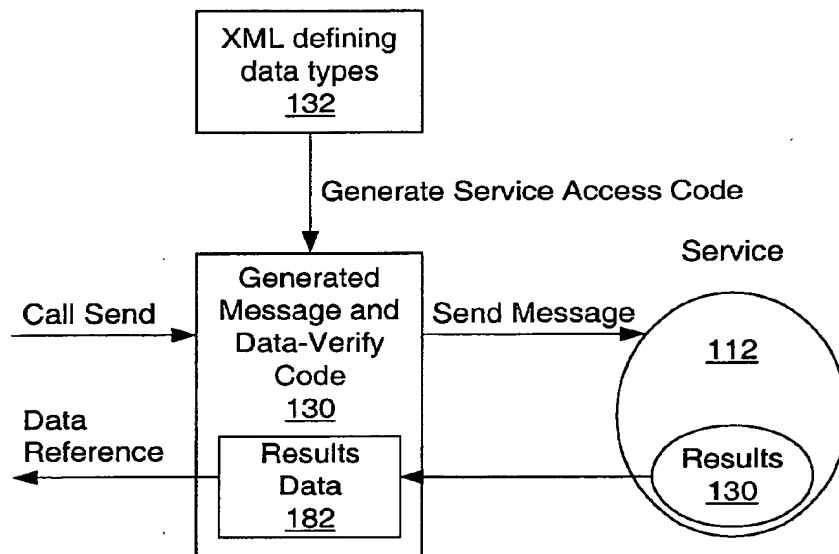


Fig. 10b

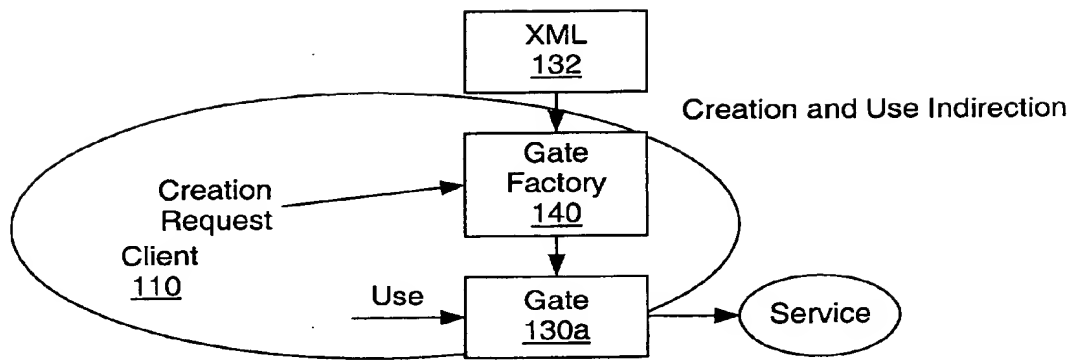


Fig. 11a

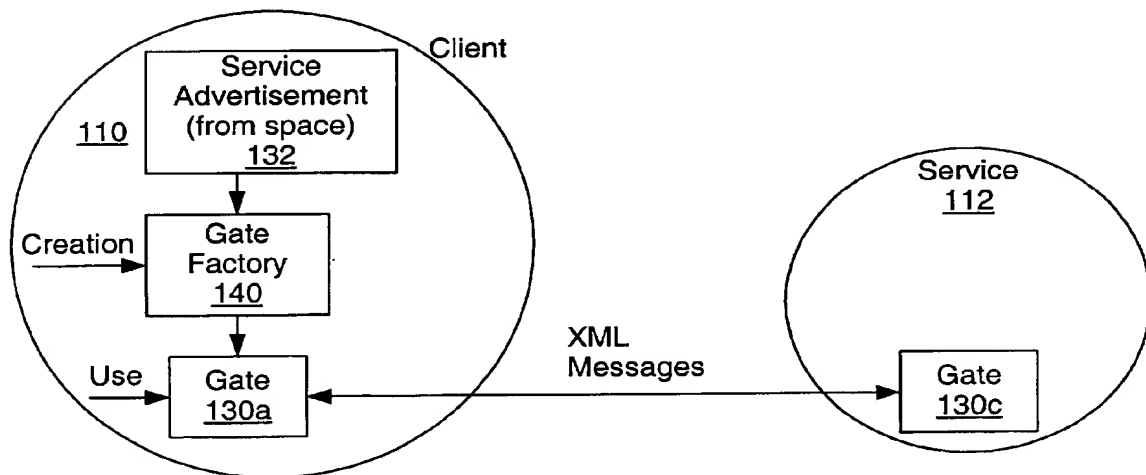


Fig. 11b

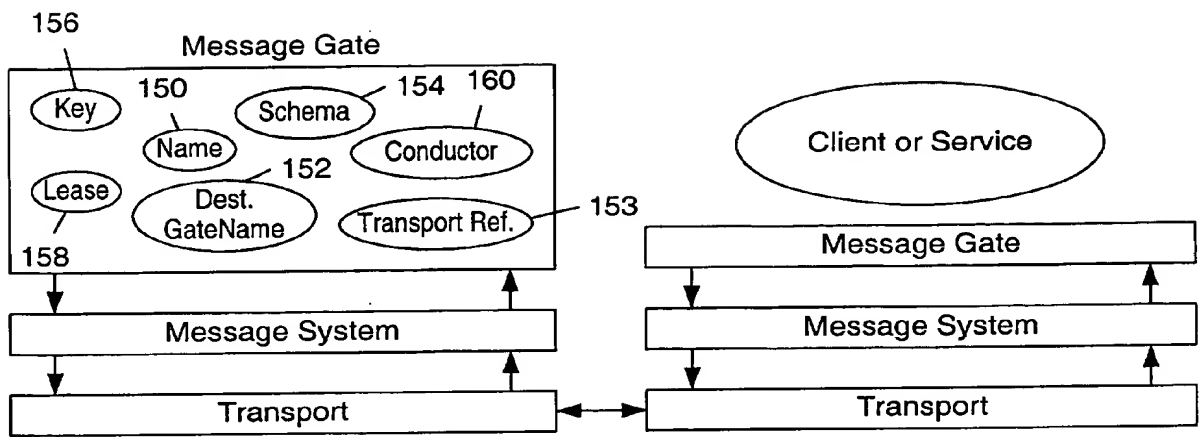


Fig. 12

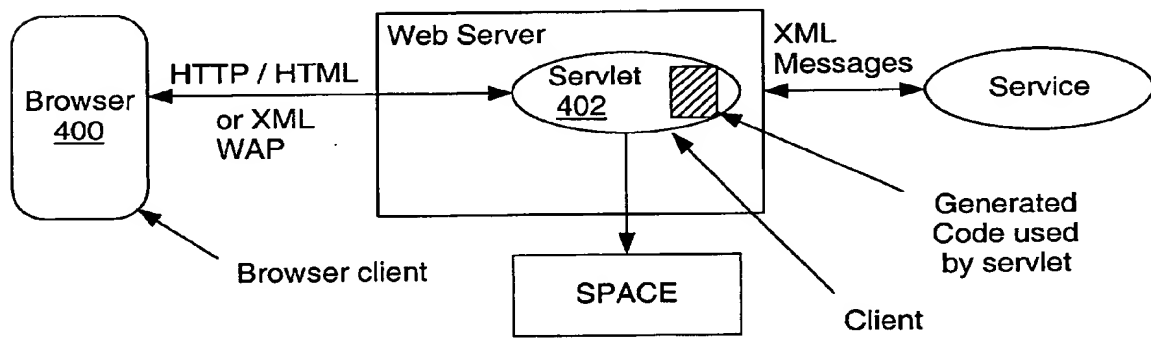


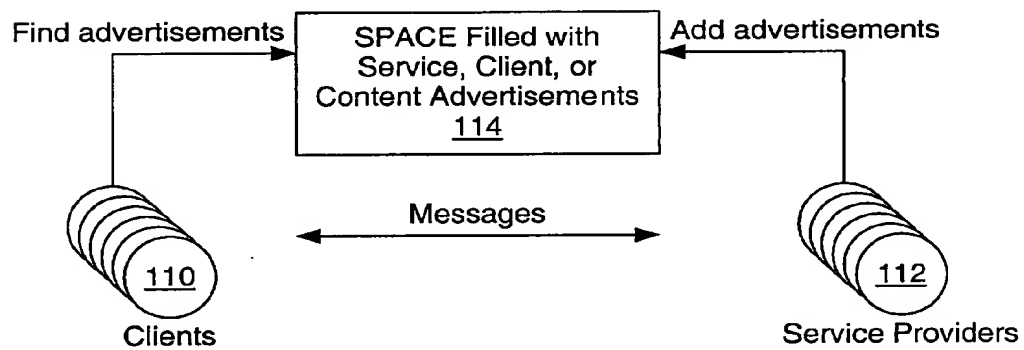
Fig. 13

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graph TD; 170[XML defining method interface 170] -- "Generate Service Access Code" --> 172[Generated Simple Method Code 172]; 172 -- "Call Method" --> 176((Client Application 176)); 176 -- "Generated Proxy Reference" --> 172; 172 -- "Send Message" --> 180((Service 180)); 180 -- "Send Results URL" --> 172; 172 --- 178[Results Proxy (Generated) 178];
```

The diagram illustrates the system architecture. At the top, a box labeled "XML defining method interface 170" has a downward arrow labeled "Generate Service Access Code" pointing to a central box labeled "Generated Simple Method Code 172". Inside this central box is a smaller box labeled "Results Proxy (Generated) 178". To the left of the central box is an oval labeled "Client Application 176". An arrow labeled "Call Method" points from the Client Application to the central box. An arrow labeled "Generated Proxy Reference" points from the central box back to the Client Application. To the right of the central box is a large oval labeled "Service". An arrow labeled "Send Message" points from the central box to the Service. An arrow labeled "Send Results URL" points from the Service back to the central box. Inside the Service oval is a smaller oval labeled "Results 180".



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graph LR; Input(( )) -- 1 --> Drafted((Drafted)); Drafted -- 2 --> Published((Published)); Published -- 3 --> Persistent((Persistent)); Persistent -- 4 --> Published; Published -- 5 --> Drafted;
```

Fig. 17

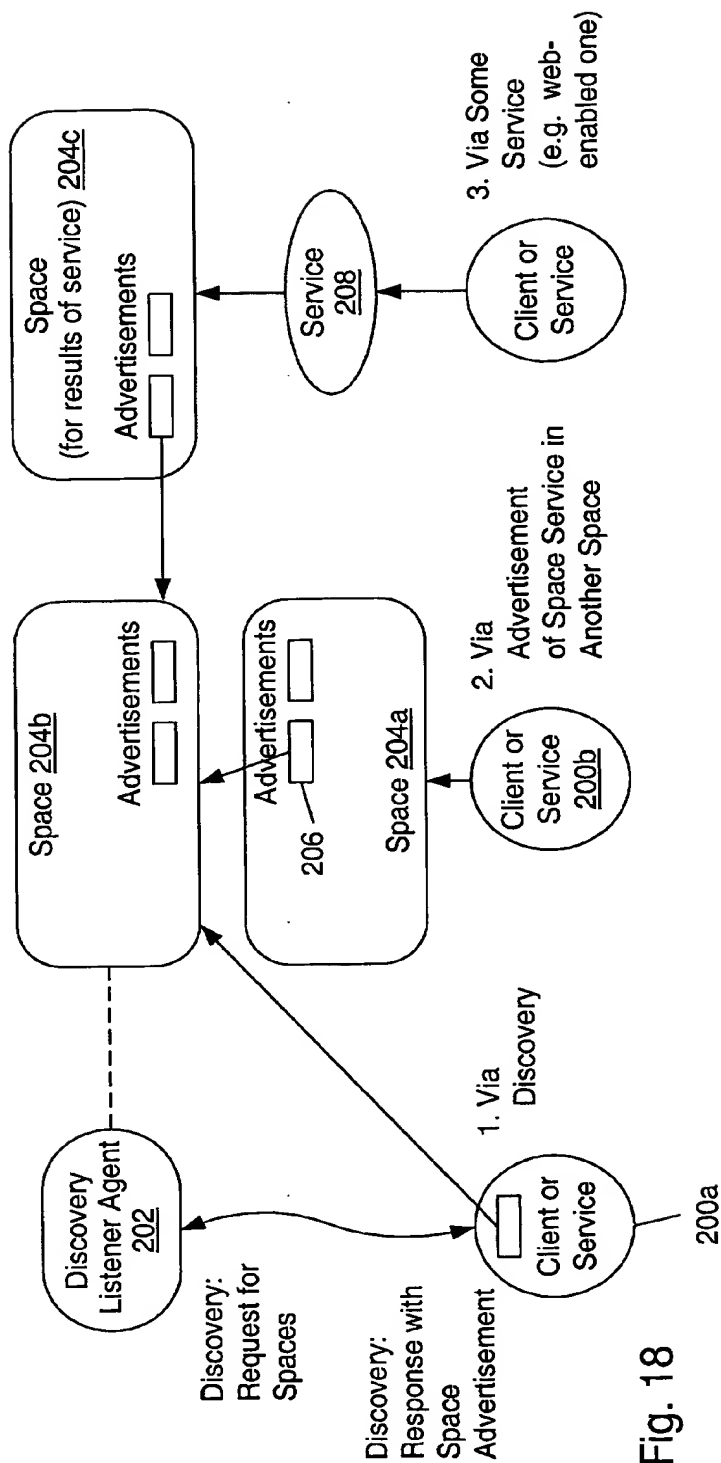


Fig. 18

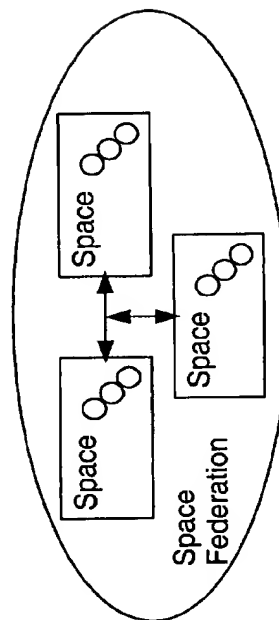
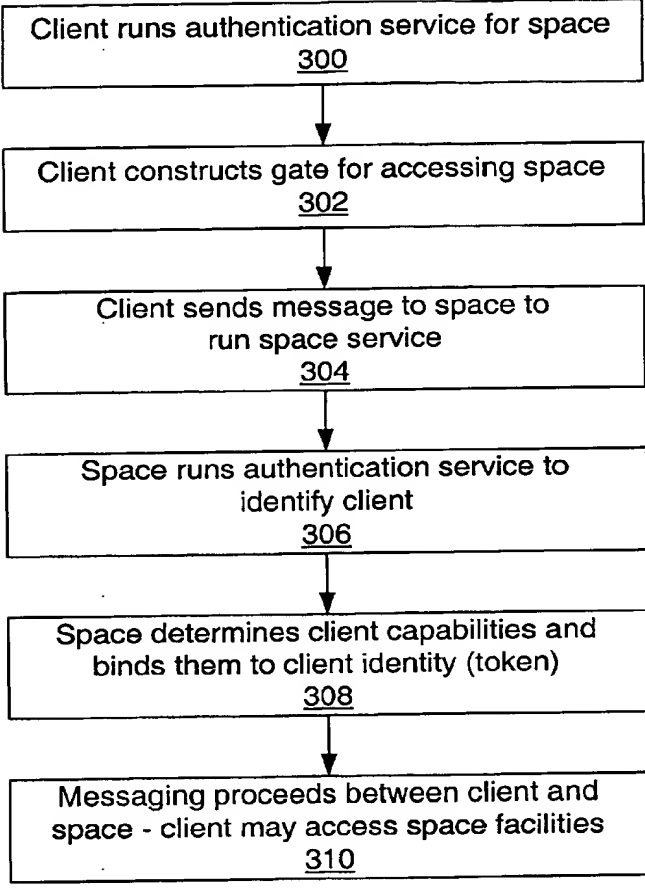


Fig. 19

[illegible]

**Fig. 20**

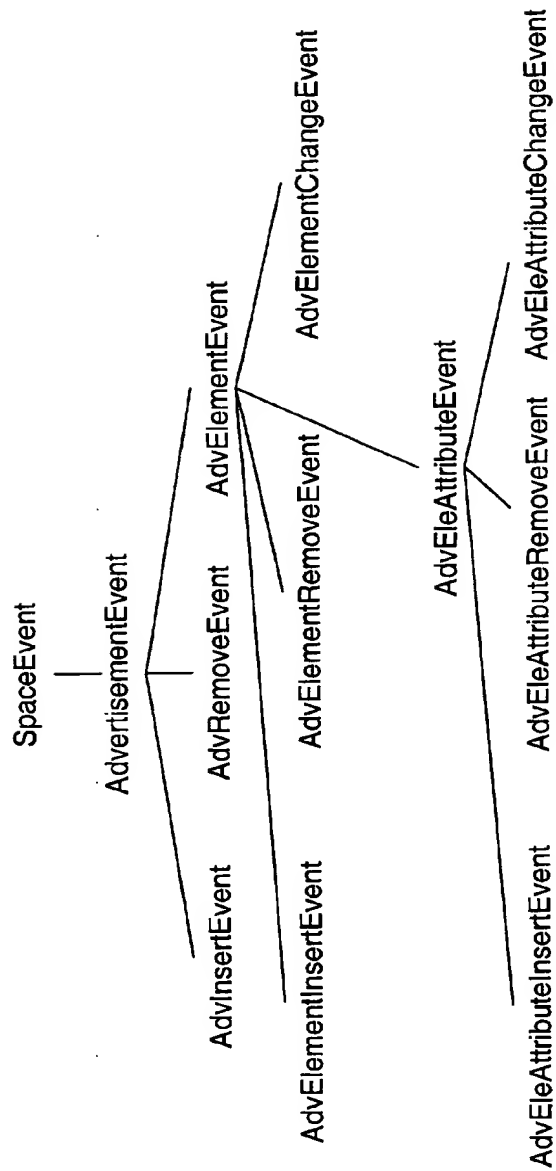


Fig. 21

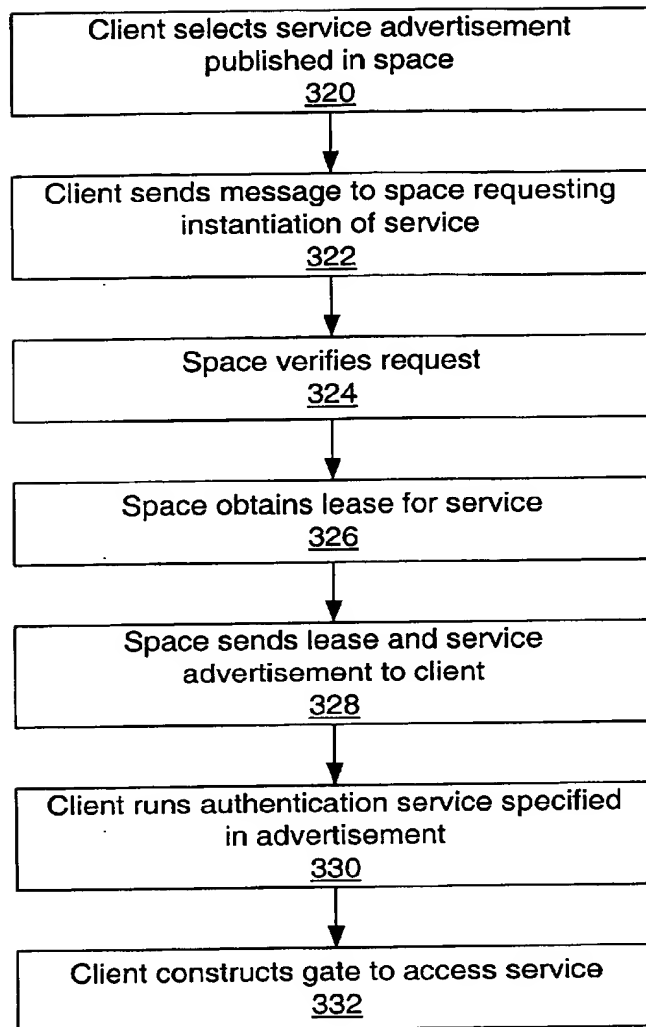
[illegible]

Fig. 22

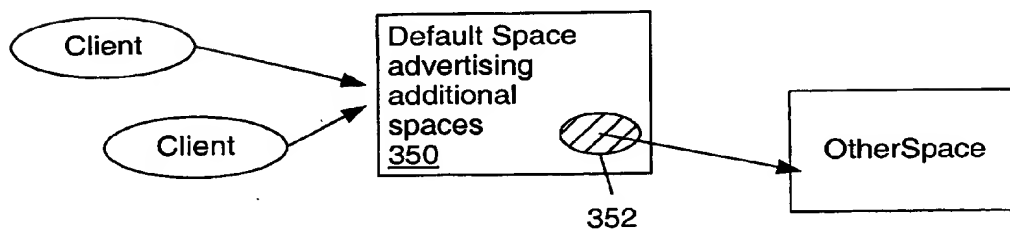


Fig. 23

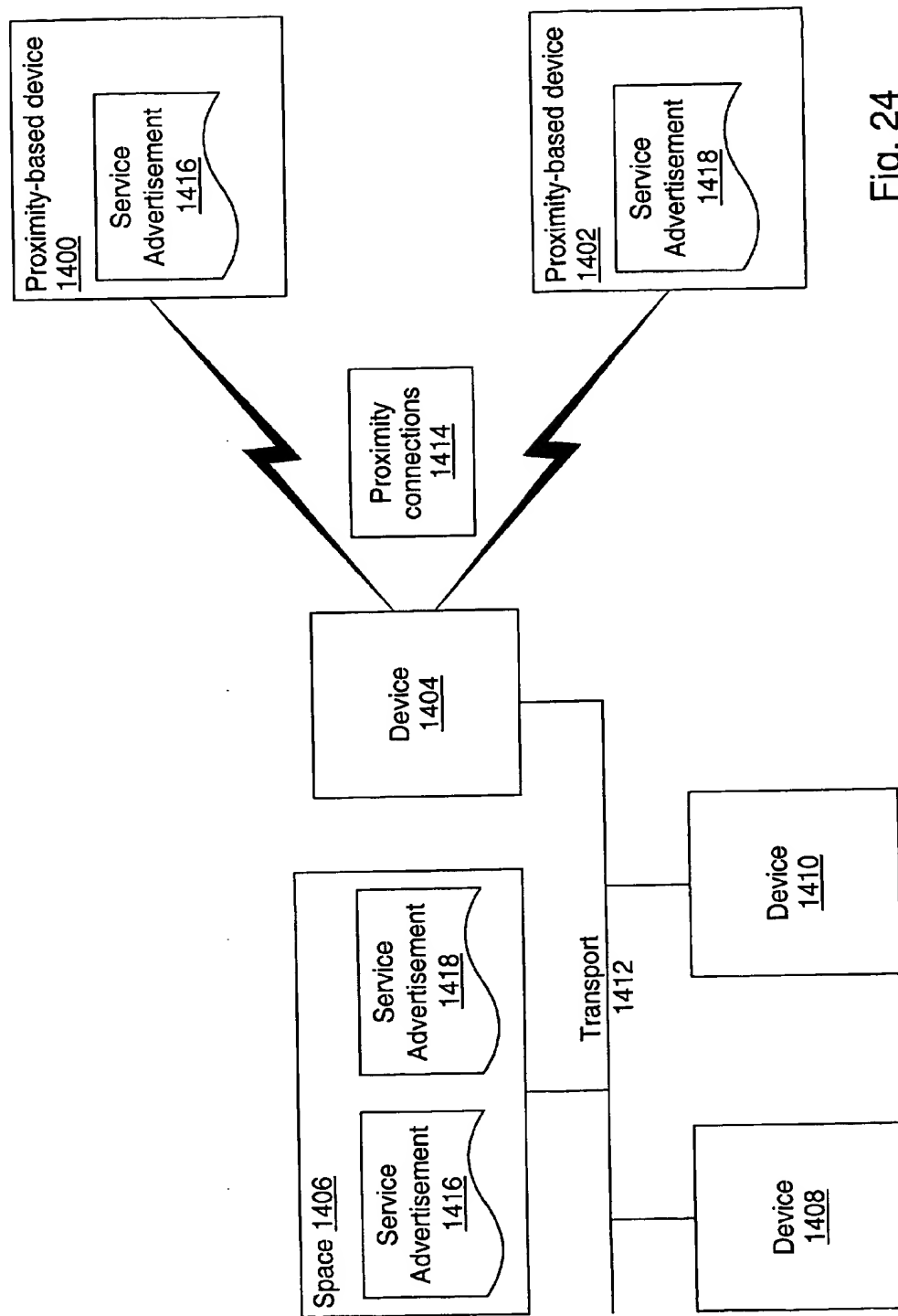


Fig. 24

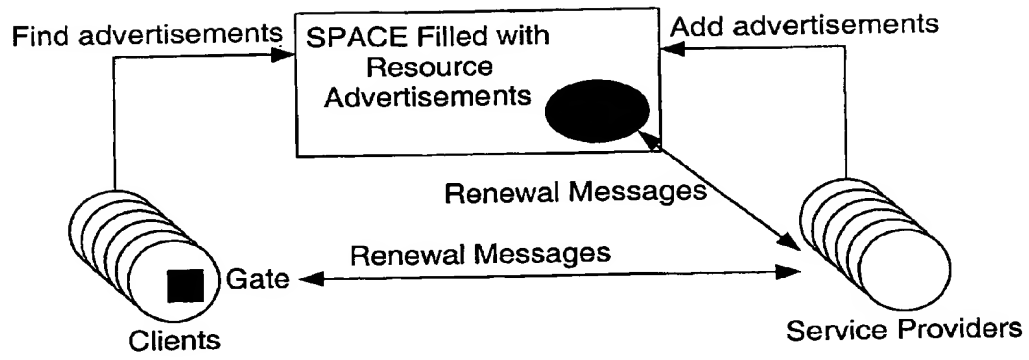


Fig. 25



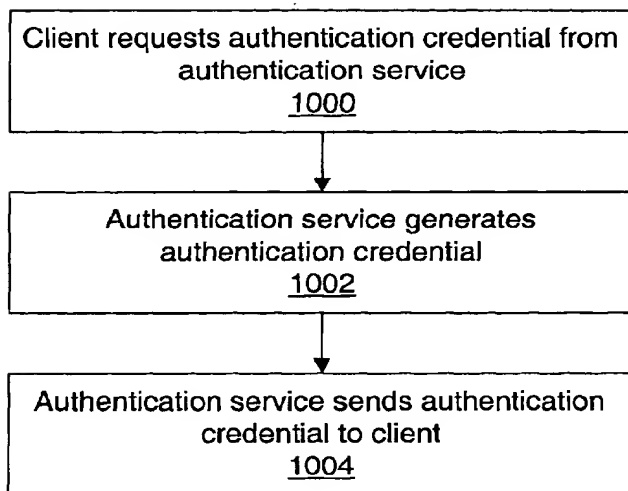


FIG. 26a

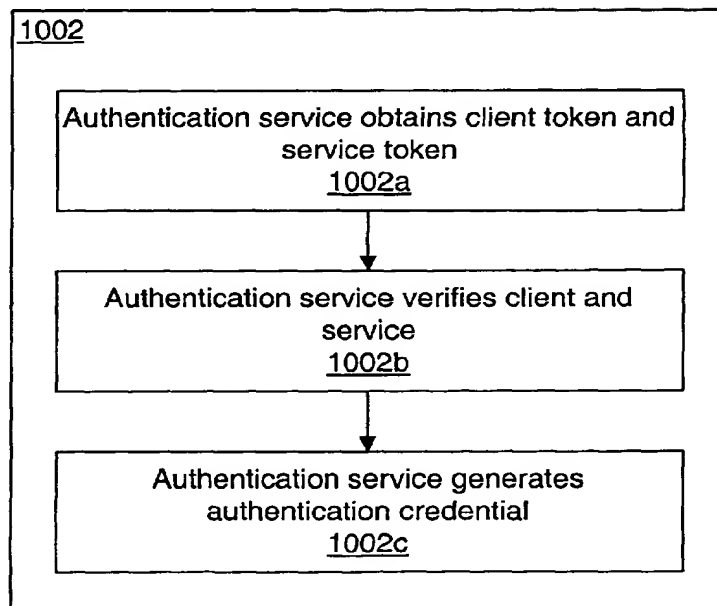


FIG. 26b

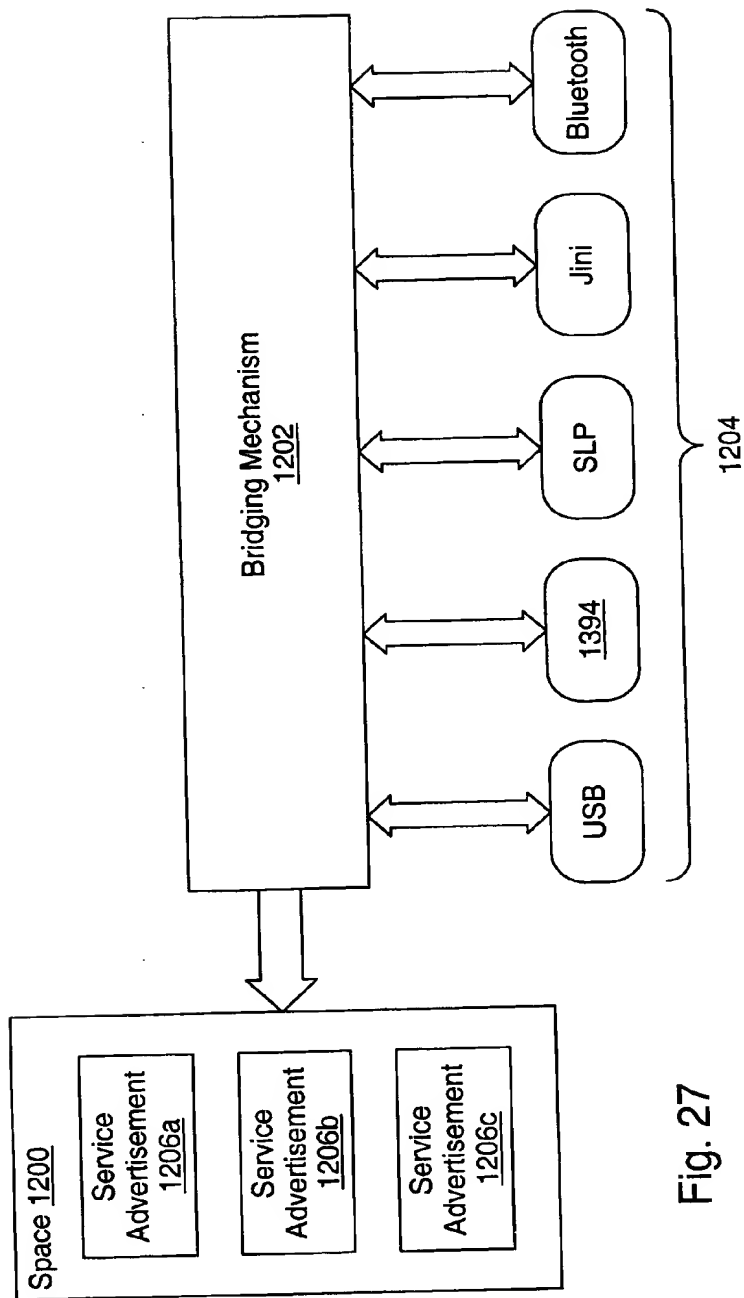


Fig. 27

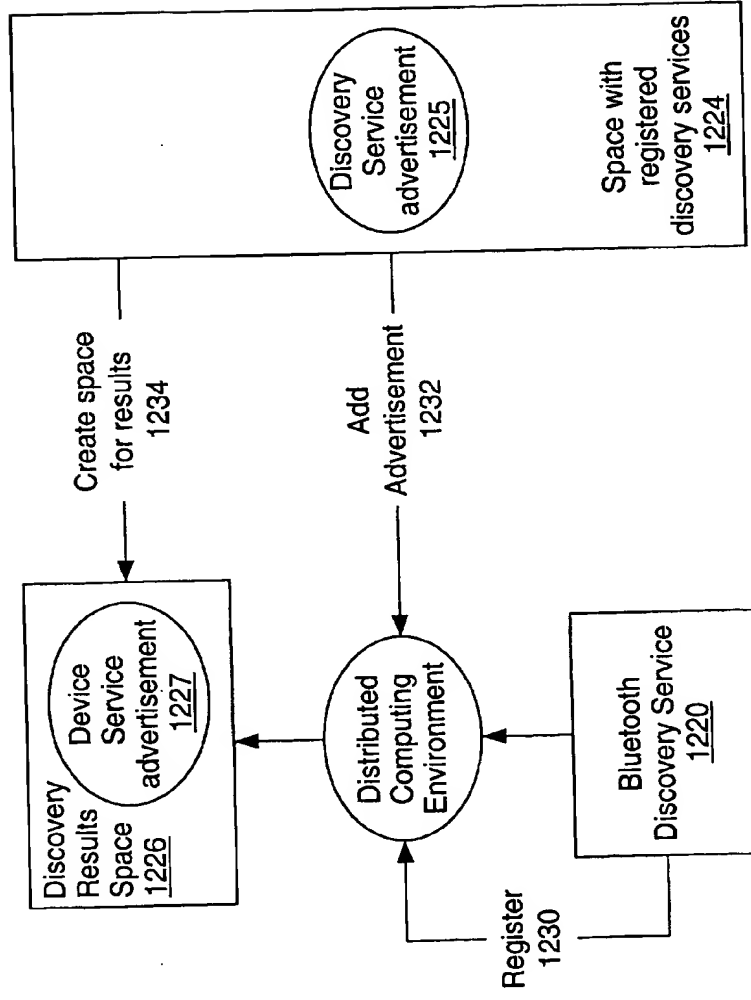


Fig. 28

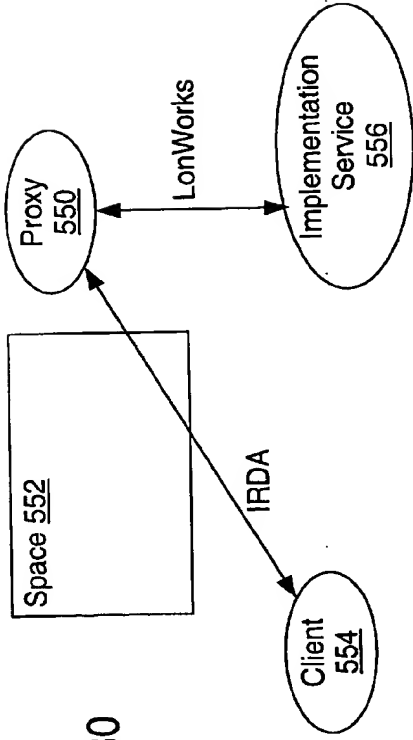


Fig. 30

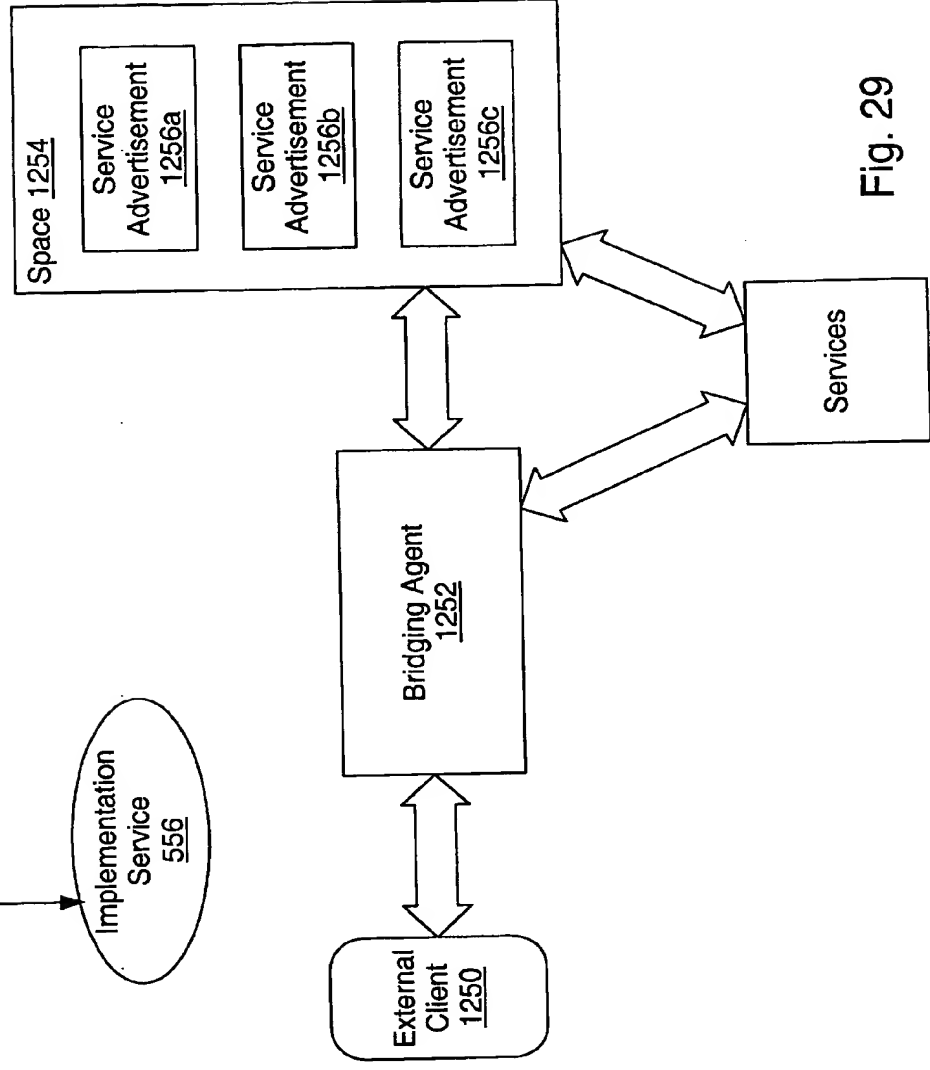


Fig. 29

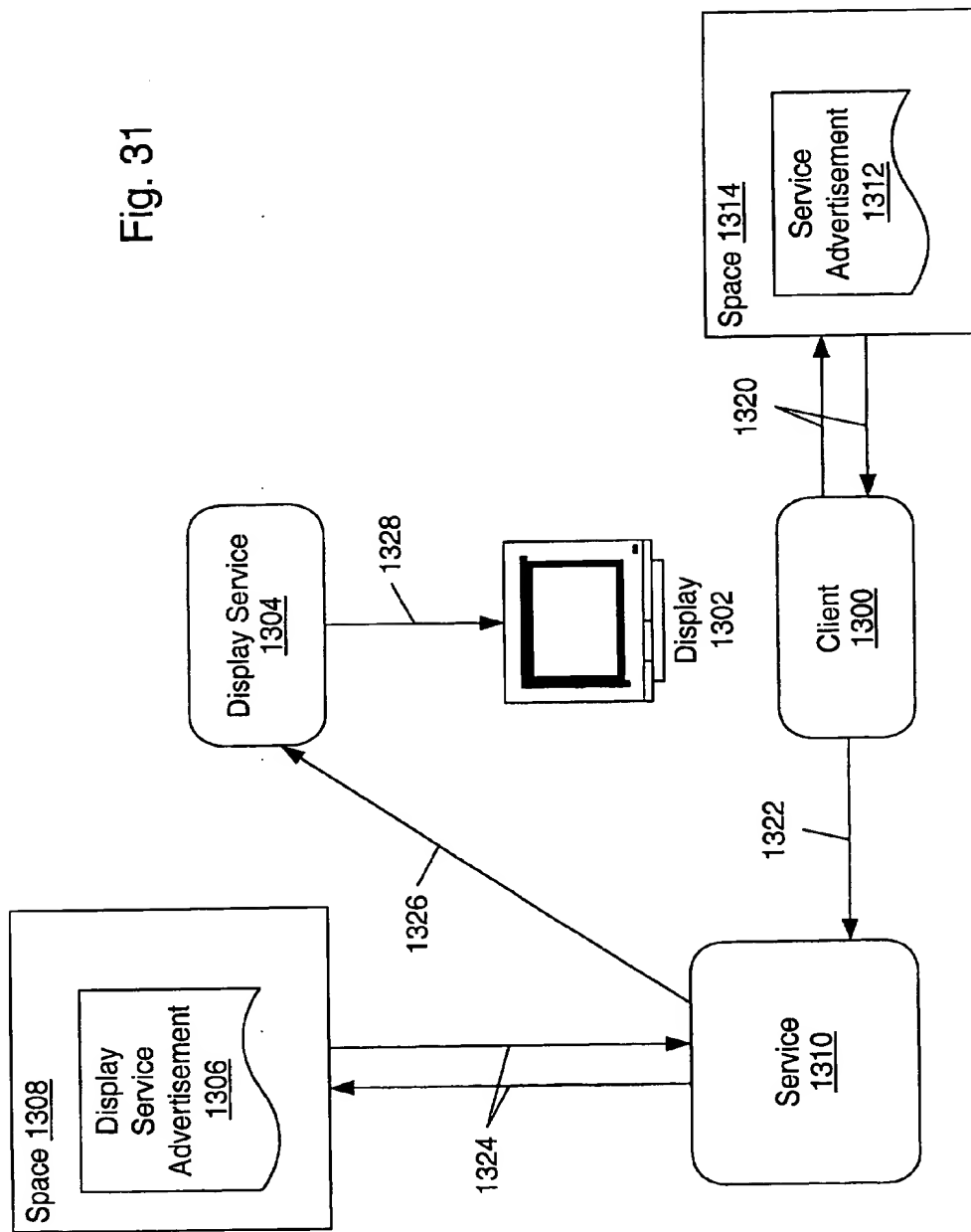
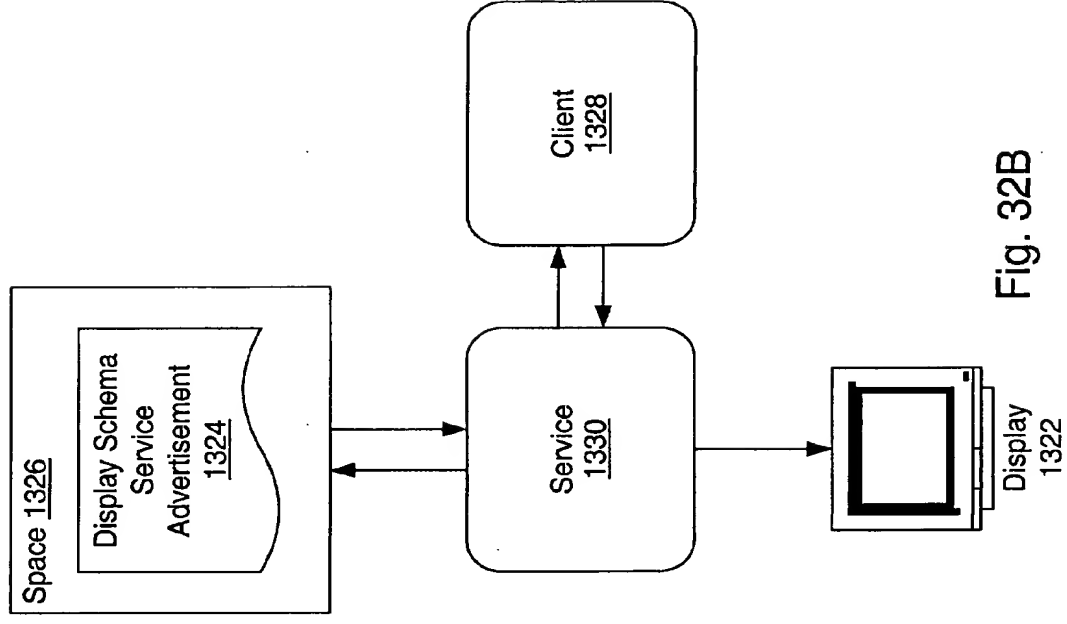
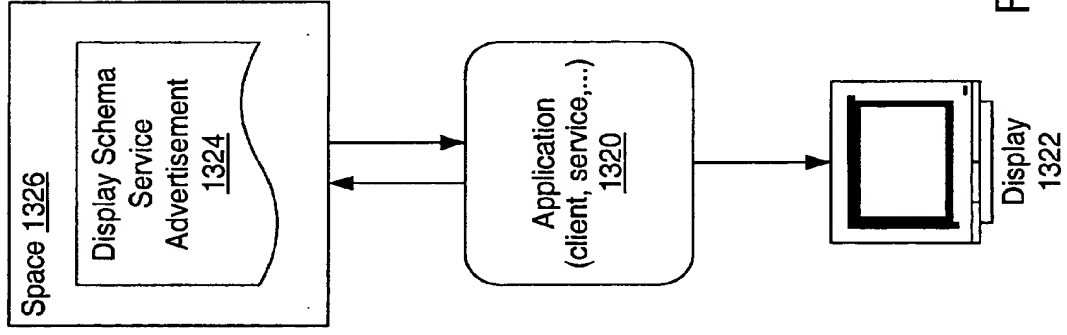
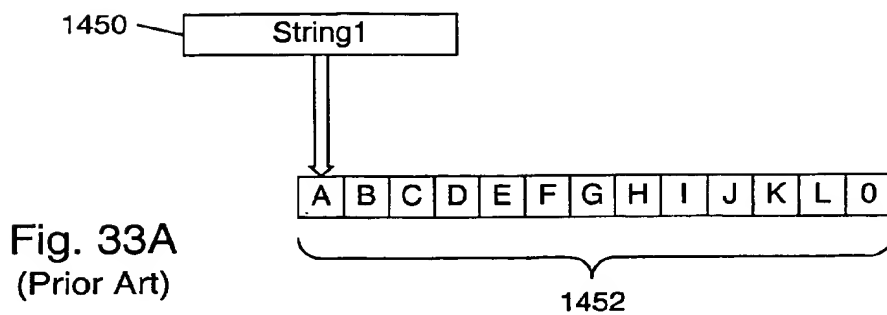
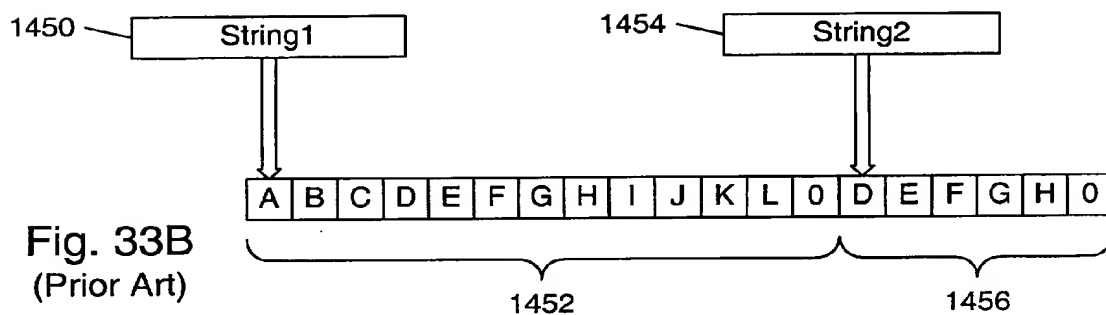


Fig. 31

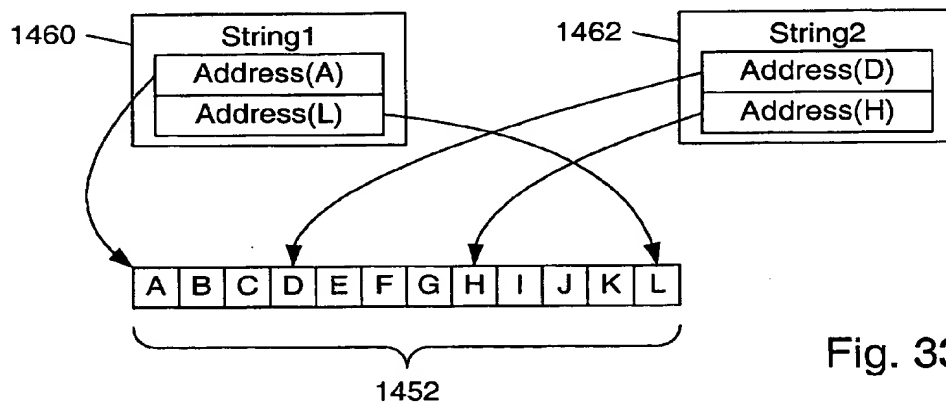




**Fig. 33A**  
(Prior Art)



**Fig. 33B**  
(Prior Art)



**Fig. 33C**

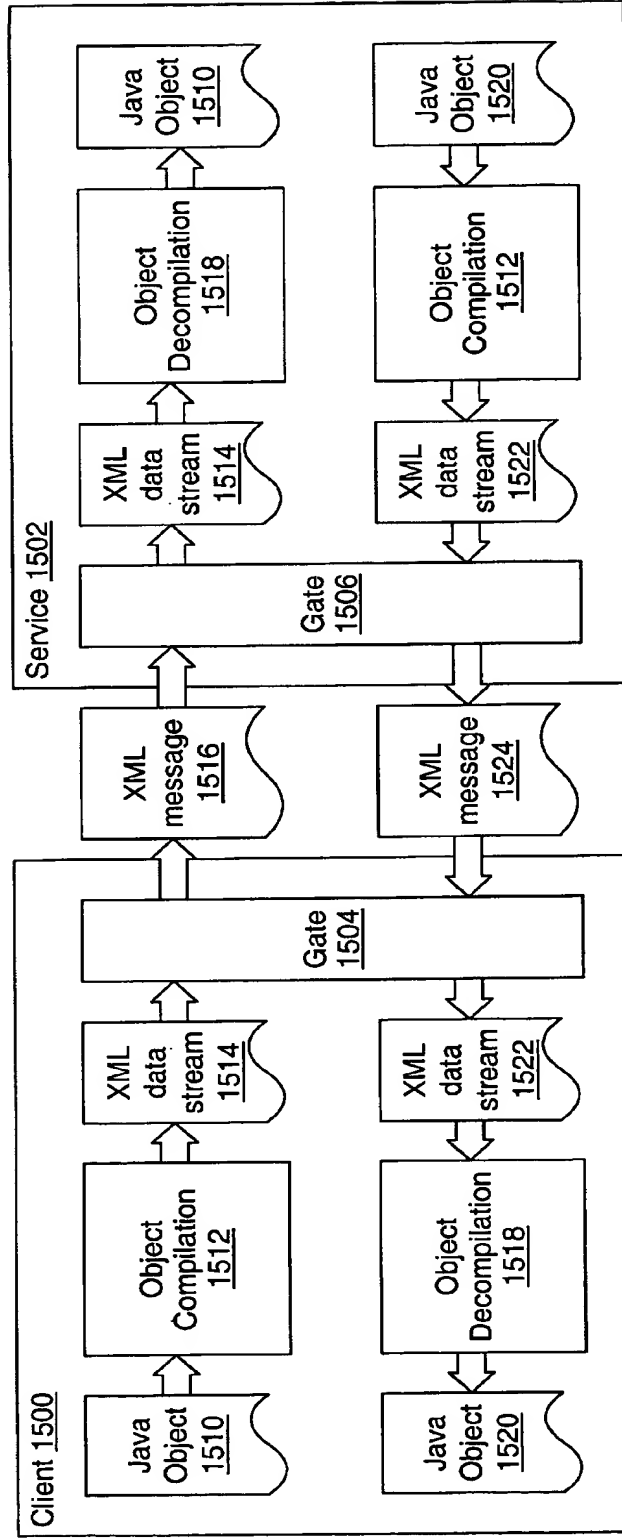


Fig. 34



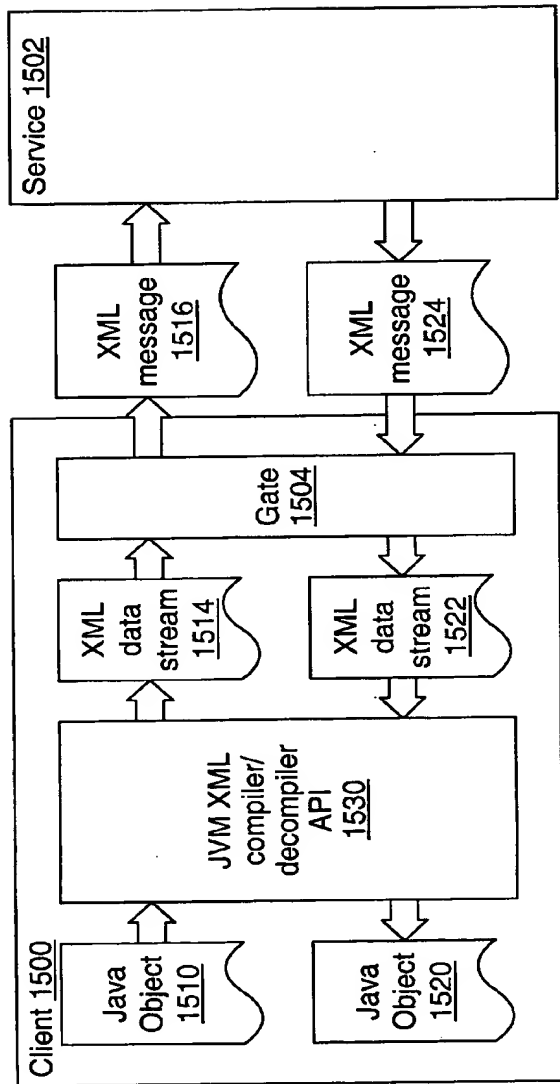


Fig. 35a

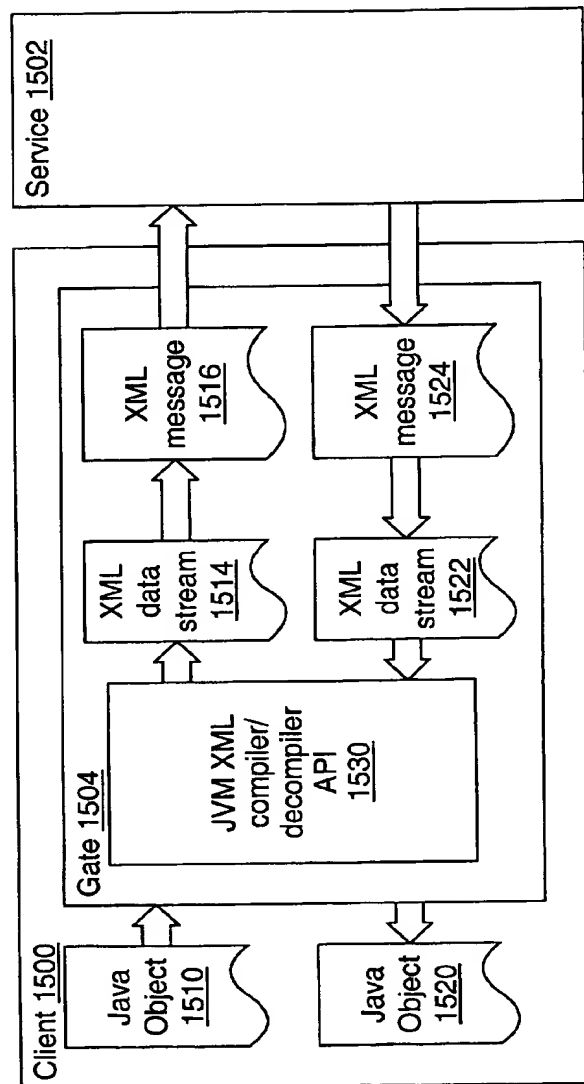


Fig. 35b

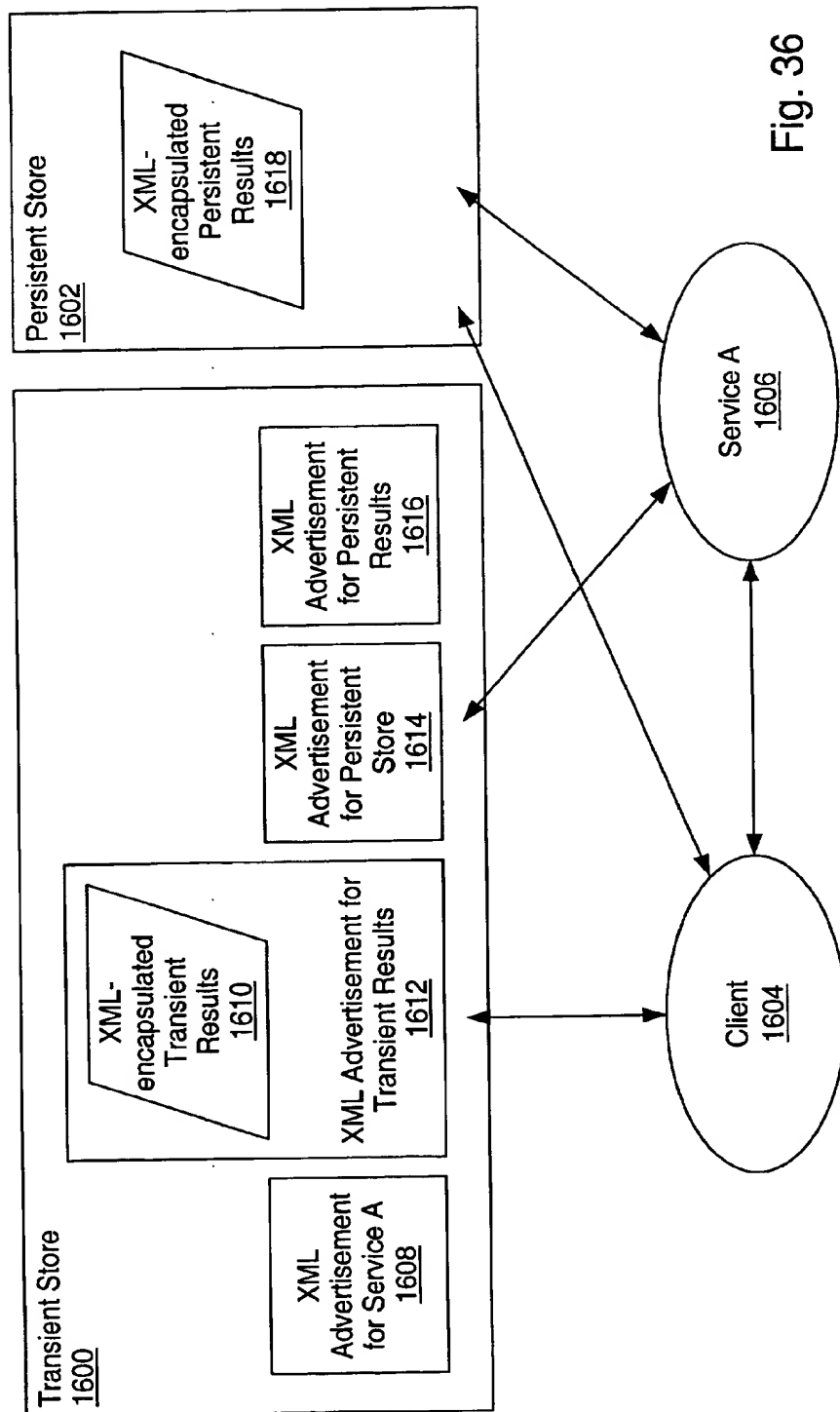


Fig. 36

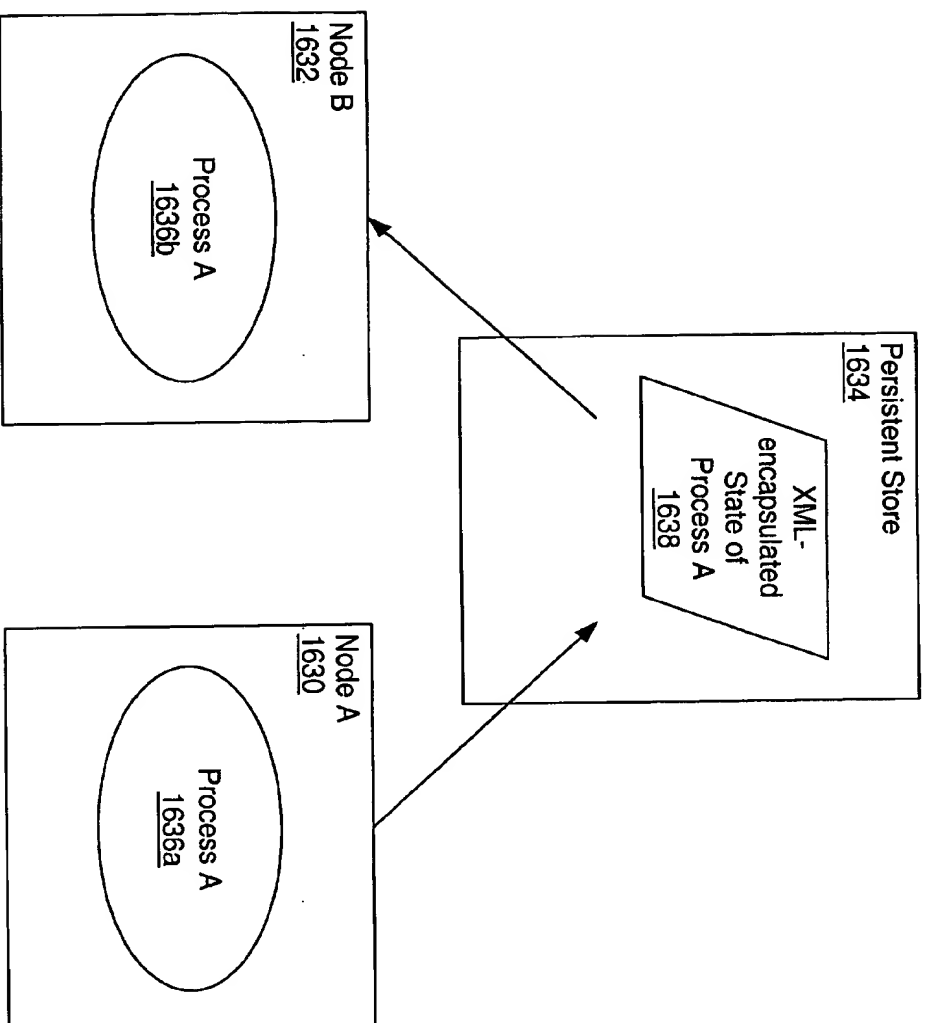


Fig. 37

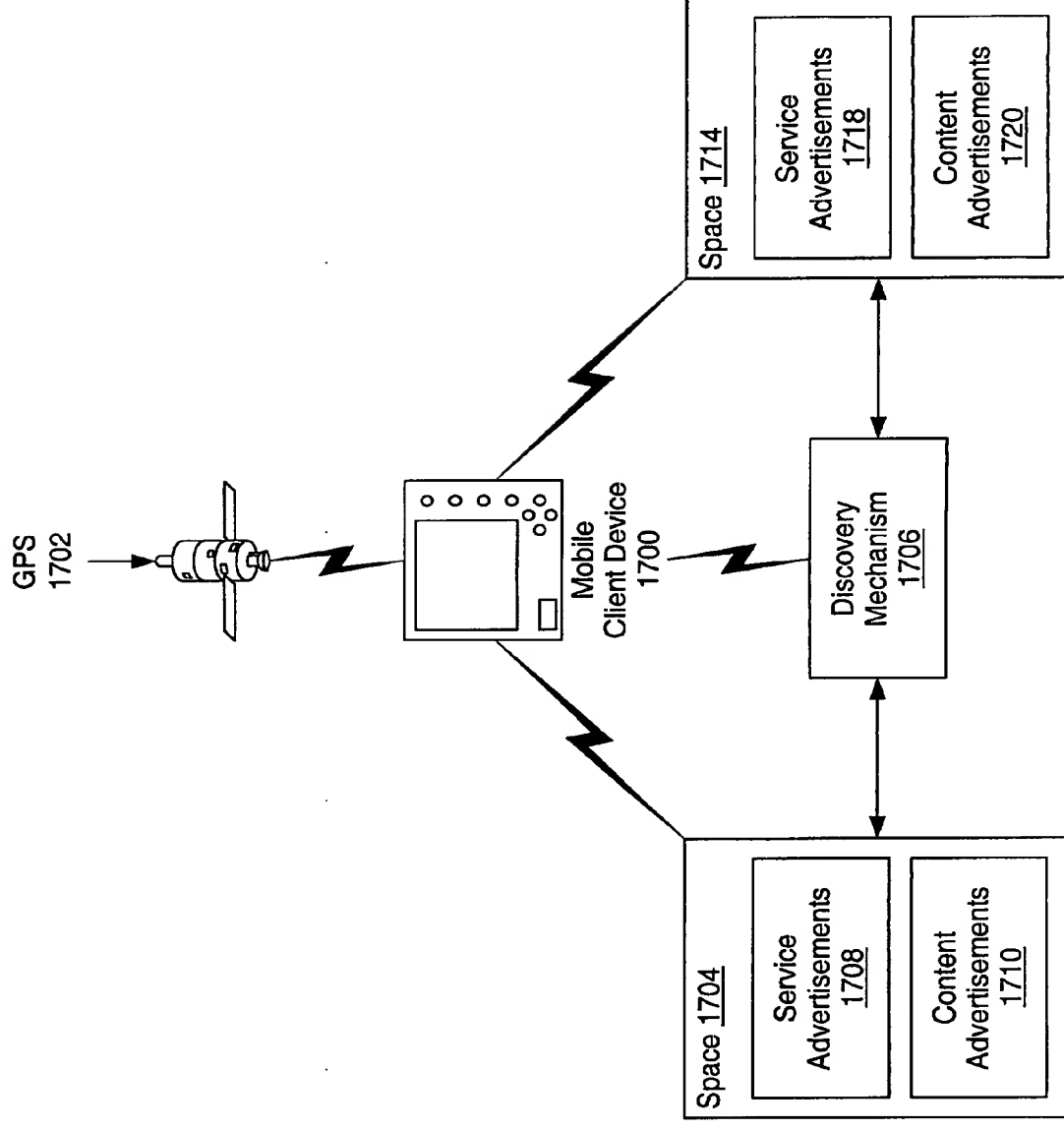


Fig. 38

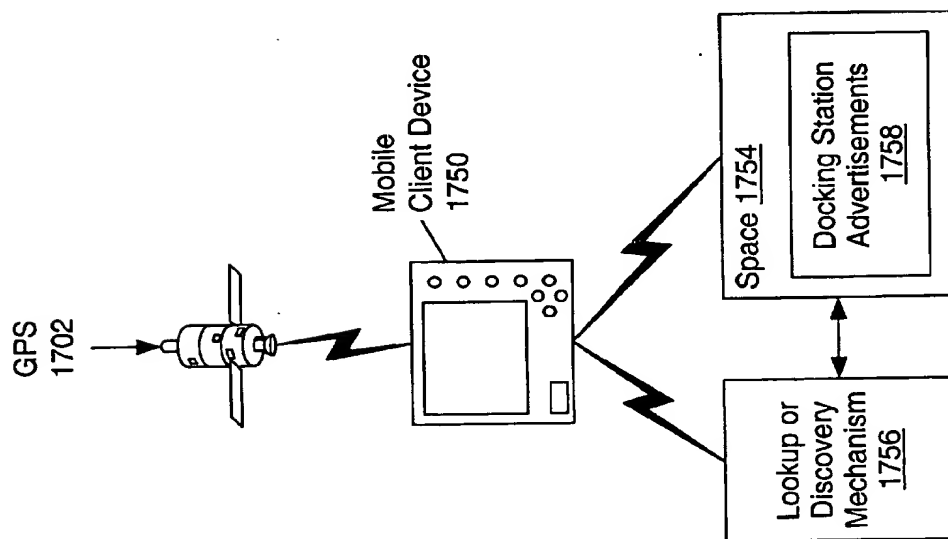


Fig. 39a

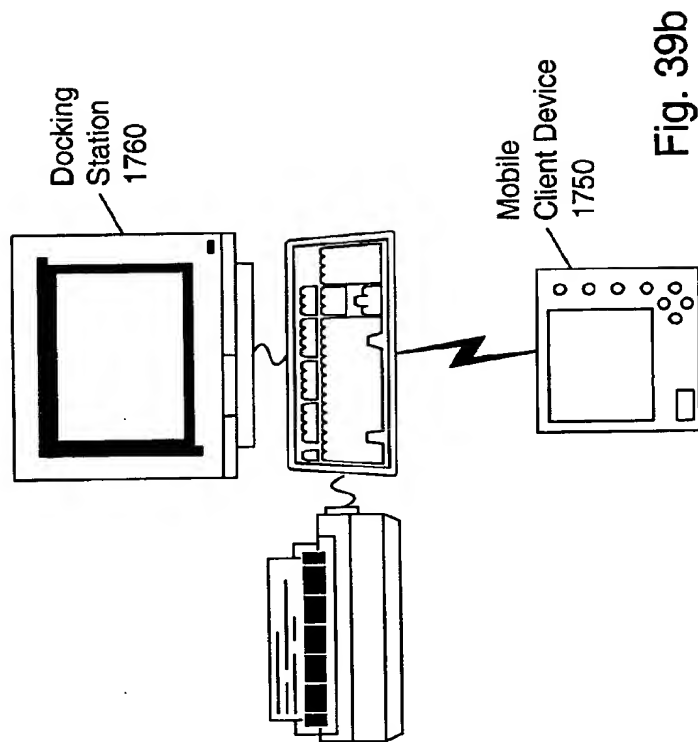


Fig. 39b

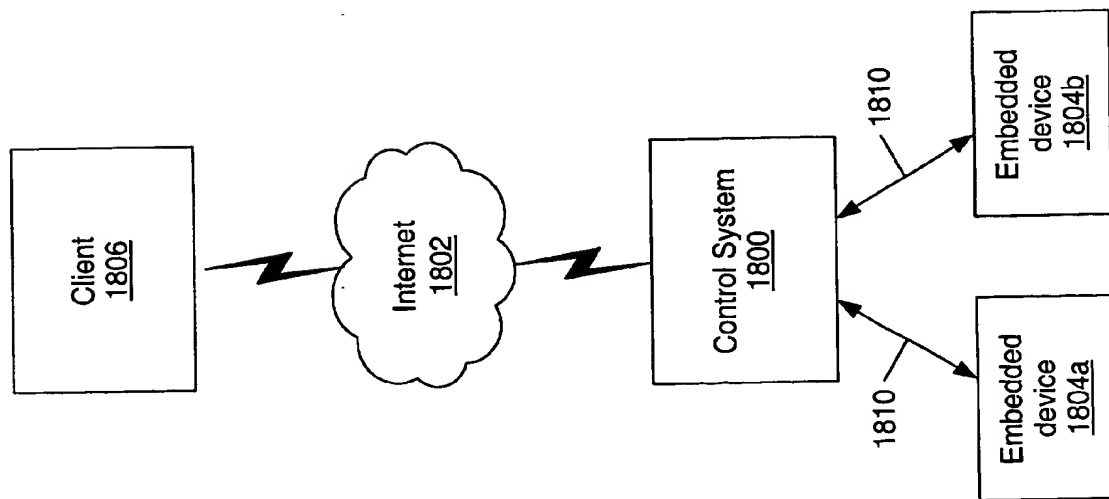


Fig. 40a

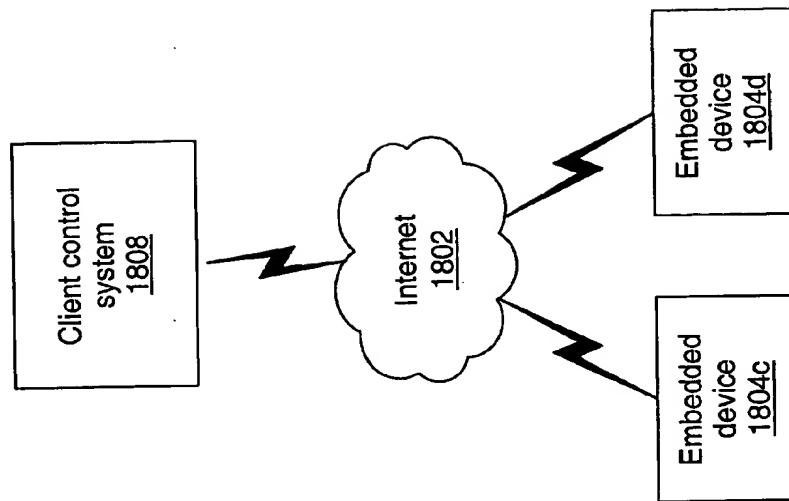


Fig. 40b

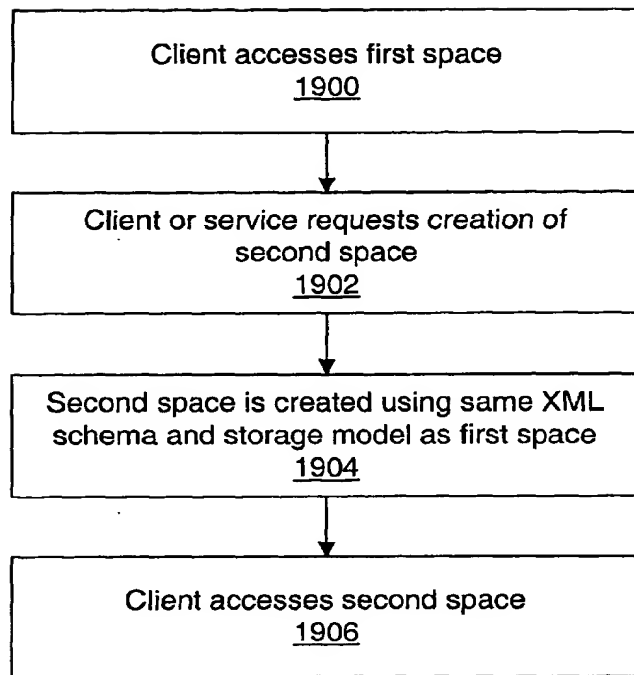


FIG. 41

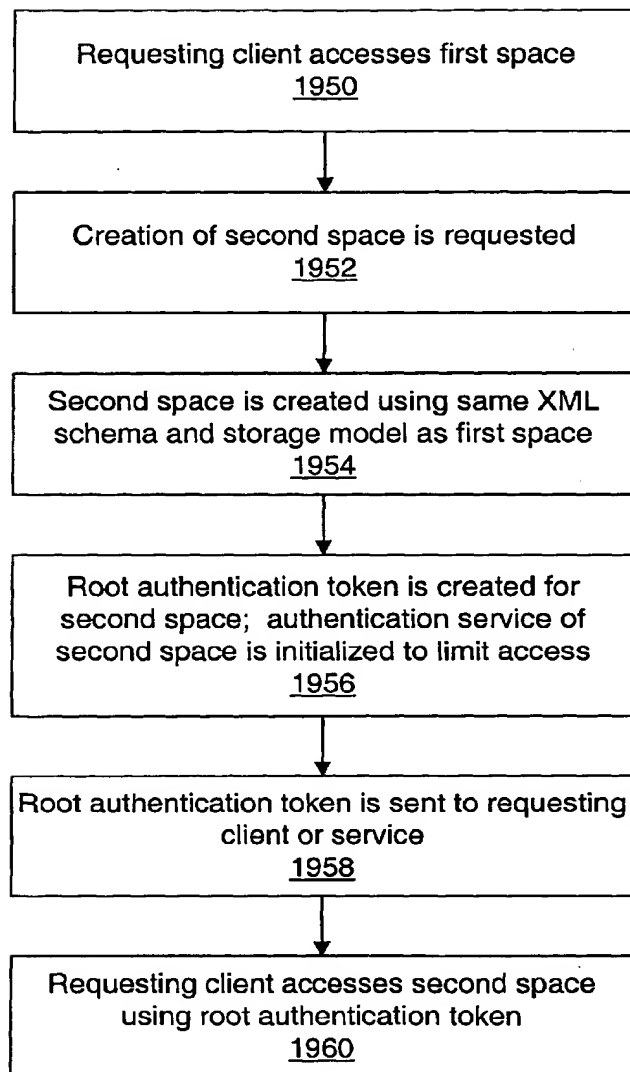


FIG. 42